

Mingtang Big Data Monitoring System Instructions

Intelligent Cloud BMS

High Quality

High Value



Operator Login



Login Address:

<https://bms.mtxnyjs.com/front/clocation/admin.html#/login>

Enter the operator account number and password to log in the platform .

(Please contact commercial staff for account number and password)

01

home page

Home Features

Functions of the home screen are as follows:

Alarm device of the day: display the alarm information of the day, click the relevant alarm block to view the alarm details

Top 5 customer equipment statistics: shows the number of batteries of the top 5

Equipment distribution map: shows the distribution of all batteries across the country

Device overview: shows total number of batteries, number offline, alarms

Equipment platform expiry overview: shows the expiry status of the equipment



Home Features

Functions of the home screen are as follows:

Language switching: Click on the "mini-map" icon in the upper right corner to switch languages.

Change password: Click on the account name in the upper right corner, expand the sub-menu to find "change password" to change.



02

Equipment management

2.1 Client List

All customers: show all the subordinate customers under the customer account, click the relevant account, the right side will show the list of battery equipment under the account

Expired devices: show all expired or about to expire devices under the account

Offline devices: show all offline battery devices under the account, can show 1 hour, 1 day, 1 month and other time range of offline devices

The screenshot displays the BMS System interface. The top navigation bar includes 'Home', 'Device Manager', 'Location', 'IBms control', 'Analysi', and 'Account'. The 'Device Manager' section is active, showing a search bar for 'ID/Ttcode/Customer' and buttons for 'Device', 'Ttcode', and 'Customer'. The left sidebar shows a 'Customer List' with a search bar and a tree view for 'CYY(121/127)' containing 'AD(2/2)' and 'TEST(2/4)'. The main content area has tabs for 'All', 'Expired devices', and 'Offline devices', with 'Expired devices' selected. It shows 'Custom name: CYY' and 'Number of Device: 121'. Below this are filters for 'Device List' and 'Subordinate customers', and a search bar. A row of filters shows 'All(121)', 'Online(0)', 'Offline(4)', 'Not enabled(41)', 'Expired(68)', and 'Scrapped(8)'. Action buttons include 'Device status', 'Transfer device', 'Renewal', 'Batch Instructions', 'Export Device', 'Copy ID', 'Copy BT code', 'Column config', and 'More'. A table lists device details with columns: No., ID, Name, Model, Latest online time, Positioning time, Strings, Battery type, Rated Current, Voltage, Voltage difference, Nominal Capacity, SOC, Number of cycles, Mileage, Battery status, Specifications, Charger mode, and Actions. The table contains 6 rows of data.

| No. | ID | Name | Model | Latest online time | Positioning time | Strings | Battery type | Rated Current | Voltage | Voltage difference | Nominal Capacity | SOC | Number of cycles | Mileage | Battery status | Specifications | Charger mode | Actions |
|-----|--------------|--------------|--------|--------------------|------------------|---------|--------------|---------------|---------|--------------------|------------------|-----|------------------|---------|----------------|----------------|--------------|------------------------------|
| 1 | 513880880001 | 323880880001 | GPS323 | 2024-04-11 16:51 | 2024-04-11 16:51 | 0 | NCM | | 54.110 | 0.000 | 0 | 0 | 0 | 51.20 | unused | | Dedicated | BMS Location Info More |
| 2 | 20346600996 | BM3216000996 | BM321 | 0 | | | | | | | | | | 0.00 | | | | BMS Location Info More |
| 3 | 20346600995 | 3216000995 | BM321 | 0 | | | | | | | | | | 0.00 | | | | BMS Location Info More |
| 4 | 20346600886 | BM3216000886 | BM321 | 0 | | | | | | | | | | 0.00 | | | | BMS Location Info More |
| 5 | 20346600884 | BM3216000884 | BM321 | 0 | | | | | | | | | | 0.00 | | | | BMS Location Info More |
| 6 | 20346600883 | BM3216000883 | BM321 | 0 | | | | | | | | | | 0.00 | | | | BMS Location Info More |

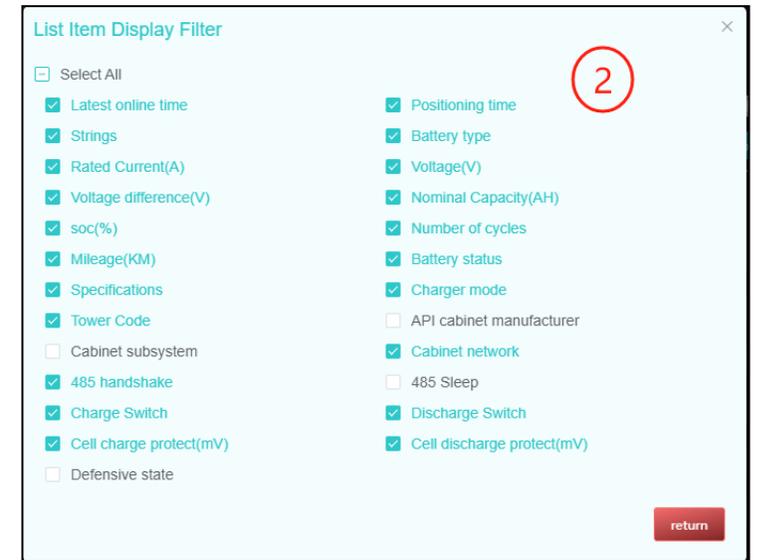
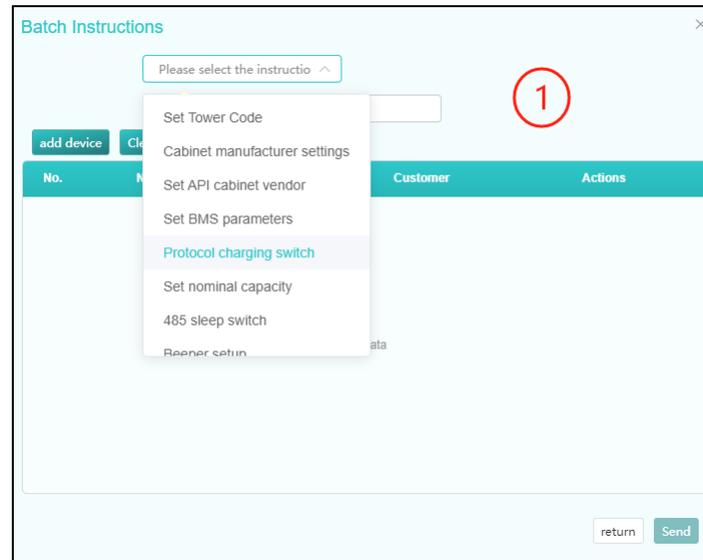
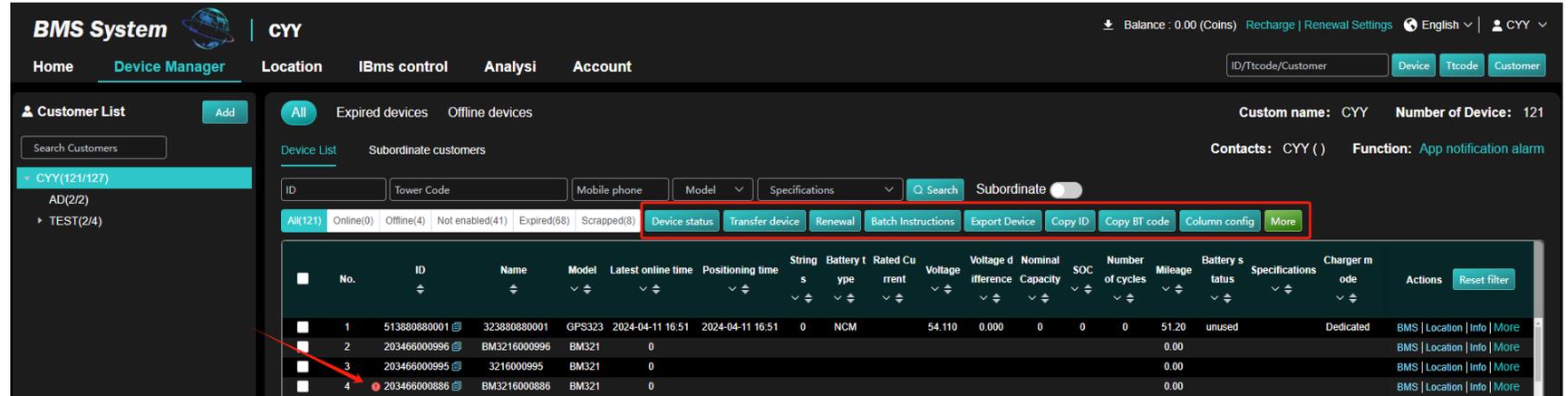
2.2.1 Function Bar Description

The function bar includes some general functions, please tick the target device number before using these functions:

1. Transfer Device: This function allows you to transfer the ticked device to the target account.
2. Setting specifications: you can set specifications for the equipment (specifications need to be added in the "account management", see paragraph 6.1).
3. Renewal: When the device is out of date and cannot be brought online, you can select this function to renew the device.
4. Export device: you can batch export the ticked device number
5. Copy ID\BT code: can batch copy the current page ID or BT code
6. Column configuration: you can choose to display more list content as needed (Figure 2)

7. More:

- a. Transfer out of the battery: can transfer out the equipment number to other level customer account name
- b. Export QR code: you can batch export the QR code of the ticked devices
- c. Copy: can copy all ID numbers or BT codes of the current operator



2.2.2 Function Bar Description

The function bar includes some general functions, please tick the target device number before using these functions:

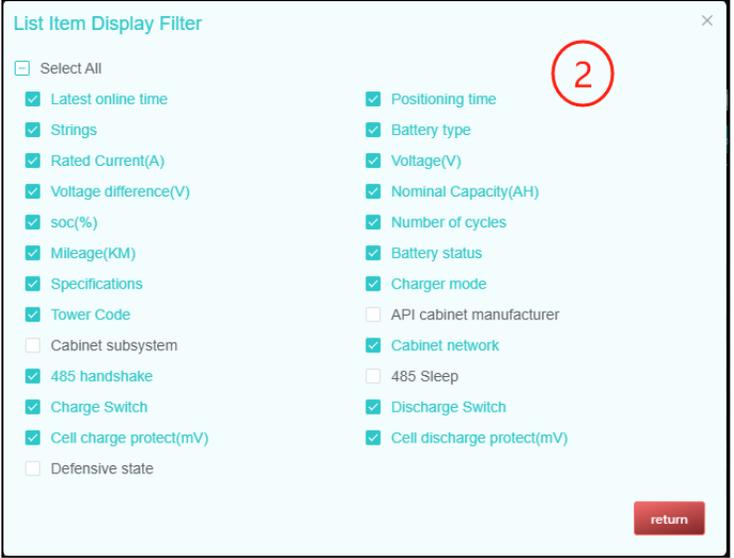
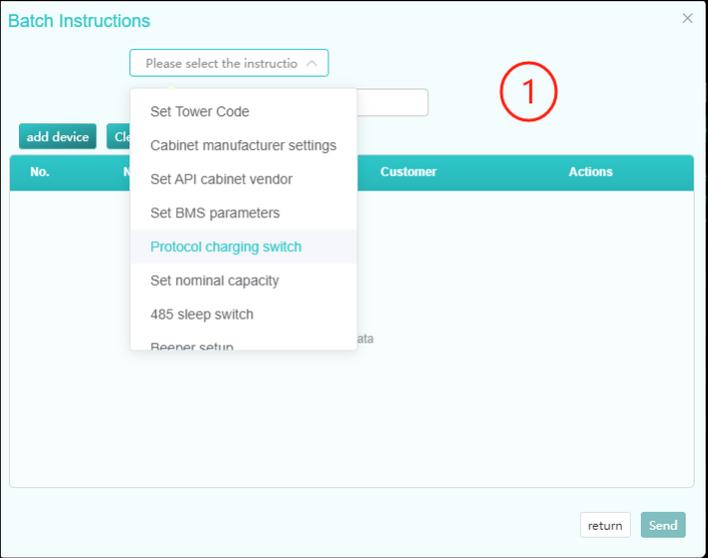
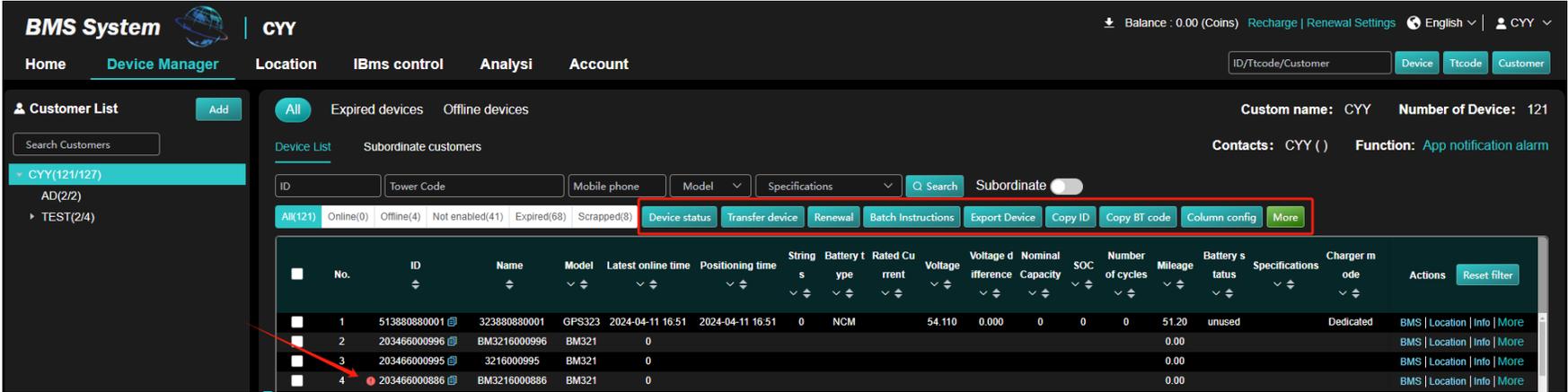
Batch command: you can set the device number in batch (see Figure 1 for details)

- a. Set tower code: can configure and batch set the tower code (see section 7.1 for details)
- b. Cabinet manufacturer settings: you can batch set the system preset cabinet manufacturers
- c. Setting BMS parameters: BMS parameters can be batch modified, such as: voltage, current, temperature protection value, nominal capacity, etc.
- d. Agreement charging switch:

On (represents that only cabinets with agreement can be charged)
 Off (represents that universal chargers can be used for charging)

- e. 485 sleep switch:
 - On (on behalf of the 485 sleep, can save power)
 - Off (on behalf of the 485 does not sleep, always on)
- f. Buzzer can be set in batch (mute and un-mute, seek and un-seek)
- g. Setting mileage amplification: you can add mileage multiplier according to your needs

h. Equipment scrapping: this function can be used when equipment is scrapped or not renewed, and the scrapped equipment will not appear in the renewal interface (see 7.2 for details).



2.3 Add Subordinate Customers

1. To add a subordinate customer: click the "Add" button at the top right of the customer list (Figure 1).
 2. Fill in customer information: Fill in the pop-up box with the information of the subordinate customer (Figure 2).
- 3. BMS control authority:**
- Charge/discharge:** whether the customer is authorised to have charge/discharge switching privileges or not
- BMS Setting Parameters:** Whether to authorise the customer to have the right to modify BMS parameters (if both are unchecked, this account only has the right to view the BMS status).

BMS System

Home **Device Manager**

Customer List **Add**

Search Customers

- MTnewworld(58/7011)
- ABCbattery(4125/4619)
- BisonBattery(1625/2125)
- CYY(121/127)
- GalaxyBE(24/31)

* Operator Name: Operator Name ID No.: Please enter ID num...

* Contacts: Please enter the cont... Region: Select

Contact number: Please enter the cont... Other: Please enter QQ/em...

Detailed address: Please enter detailed address

* Confirm Password: Confirm login passw...

Device control purview BMS char and dischar BMS set parameters Single device function control

Device list display Select All

| | | | | |
|---|---|--|--|--|
| <input checked="" type="checkbox"/> volt | <input checked="" type="checkbox"/> SOC | <input checked="" type="checkbox"/> remaining capacity | <input checked="" type="checkbox"/> nominal Capacity | <input checked="" type="checkbox"/> stand Current |
| <input checked="" type="checkbox"/> battery type | <input checked="" type="checkbox"/> battery number | <input checked="" type="checkbox"/> Voltage difference | <input checked="" type="checkbox"/> online time | <input checked="" type="checkbox"/> positioning time |
| <input checked="" type="checkbox"/> specifications | <input checked="" type="checkbox"/> workState | <input checked="" type="checkbox"/> charging switch | <input checked="" type="checkbox"/> discharge switch | <input checked="" type="checkbox"/> number of cycles |
| <input checked="" type="checkbox"/> Cell charge protect volta | <input checked="" type="checkbox"/> Cell discharge protect vo | <input checked="" type="checkbox"/> gDefensive Status | <input checked="" type="checkbox"/> mileage (kilometers) | <input checked="" type="checkbox"/> charger mode |
| <input checked="" type="checkbox"/> tower code | <input checked="" type="checkbox"/> cabinet system | <input checked="" type="checkbox"/> network status | <input checked="" type="checkbox"/> 485 handshake | <input checked="" type="checkbox"/> 485 sleep |
| <input checked="" type="checkbox"/> api cabt | <input checked="" type="checkbox"/> active time | <input checked="" type="checkbox"/> delivery time | | |

Batch command purview Select All

| | | | | |
|--|---|--|---|---|
| <input checked="" type="checkbox"/> battery type | <input checked="" type="checkbox"/> bms set param | <input checked="" type="checkbox"/> nominal Capacity | <input checked="" type="checkbox"/> Low temperature heating | <input checked="" type="checkbox"/> set mileage amplification |
| <input checked="" type="checkbox"/> device authority | <input checked="" type="checkbox"/> scrap flag | <input checked="" type="checkbox"/> buzzer | <input checked="" type="checkbox"/> charger mode | <input checked="" type="checkbox"/> tower code |
| <input checked="" type="checkbox"/> cabinet system | <input checked="" type="checkbox"/> 485 sleep | <input checked="" type="checkbox"/> Pre discharge | <input checked="" type="checkbox"/> api cabt | |

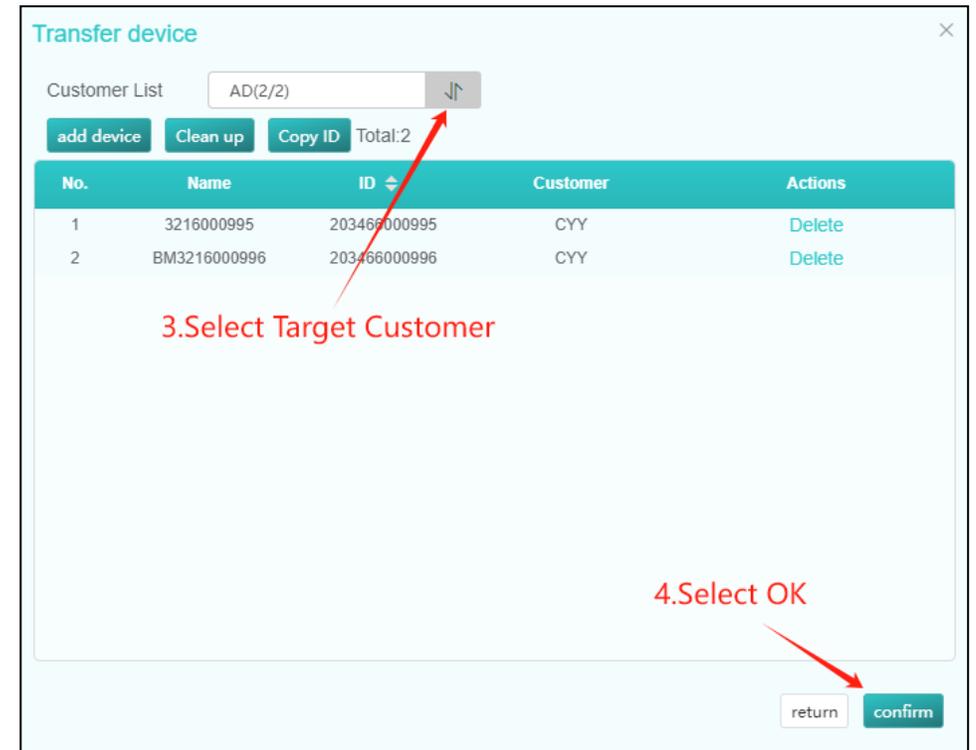
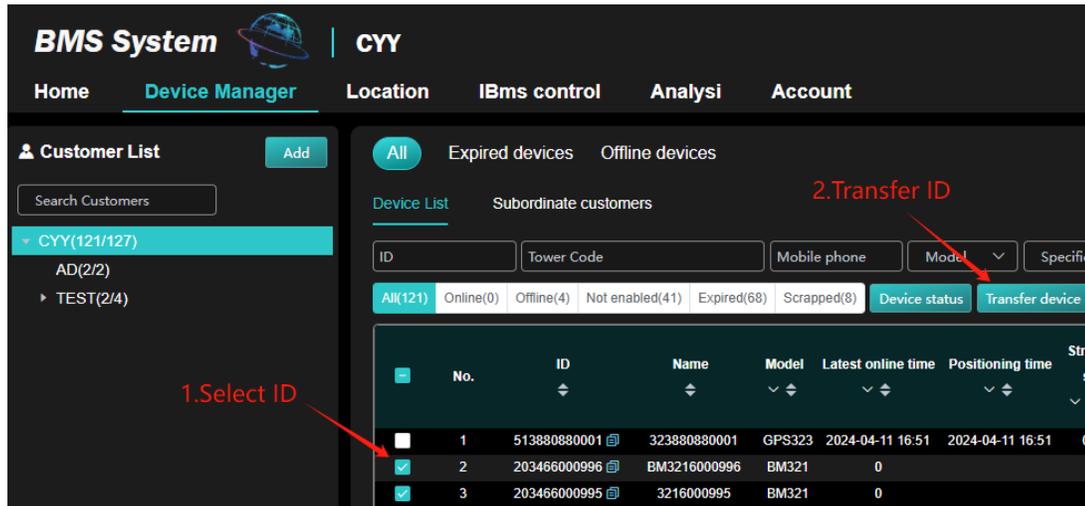
Confirm **Cancel**

2.4 Transferring equipment to lower tier customers

Transfer equipment to lower level customers:

Firstly, tick the equipment you want to transfer from the equipment list, then select "Transfer Equipment", then select the target customer from the customer list, and finally click "Confirm" (as below).

When finished, you can click the customer name from the left customer list to view the transferred devices.



2.5 Transferring batteries to other customers

After the battery is transferred to another customer account, the device number of the battery will be moved out of this account and you will lose the control of the battery, please be careful.

Firstly, tick the device number you want to transfer from the device list, then click "More", select "Battery Transfer", then enter the name and account number of the target customer, and finally click "Confirm". **Only support Tier 1 operator to transfer out battery).**

BMS System | MTnewworld

Expired: 1898 | Balance: 99 | Recharge | Renewal Settings | English | m

Home | **Device Manager** | Location | IBms control | Analysis | Account

ID/Ttcode/Customer | Device | Ttcode | Customer

Customer List | Add

Search Customers

MTnewworld(58/7011)

- ABCbattery(4125/4619)
- BisonBattery(1625/2125)
- CYY(121/127)
- GalaxyBE(24/31)

1.Select ID

All(58) | Expired devices | Offline devices

Device List | Subordinate customers

ID | Tower Code

All(58) | Online(19) | Offline(21) | Not enabled(2) | Expired(1)

| No. | ID | Name | |
|-------------------------------------|----|--------------|--------------|
| <input checked="" type="checkbox"/> | 1 | 613881539718 | BM5631539718 |
| <input checked="" type="checkbox"/> | 2 | 613881628882 | BM5921628882 |
| <input type="checkbox"/> | 3 | 613881332000 | BM5911332000 |

Battery transfer out

Custom name:

Customer login account:

Caution: The battery device ID will be removed from this account and control of the battery will be lost

3.Enter the Target Customer's Account and Name

add device | Clean up | Copy ID | Total:2

| No. | Name | ID | Customer | Actions |
|-----|--------------|--------------|------------|---------|
| 1 | BM5631539718 | 613881539718 | MTnewworld | Delete |
| 2 | BM5921628882 | 613881628882 | MTnewworld | Delete |

4.Select OK

return | confirm

Custom name: MTnewworld | Number of Device: 58

Contacts: 汪 (137...) | Function: App notification alarm

Export Device | Copy ID | Copy BT code | Column config | More

2. Battery OUT

Battery transfer out

Export QR code copy

| Remainin | g Capacit | SOC | Number of cycles | Mileage | Battery status | Actions |
|----------|-----------|-----|------------------|---------|--------------------------------|---------|
| 56.2 | 100 | 0 | 25.30 | unused | [BMS Location Info More | |
| 0 | 44 | 0 | 25.10 | unused | [BMS Location Info More | |
| 14.2 | 10 | 0 | 27.00 | unused | [BMS Location Info More | |

03

Positioning and monitoring

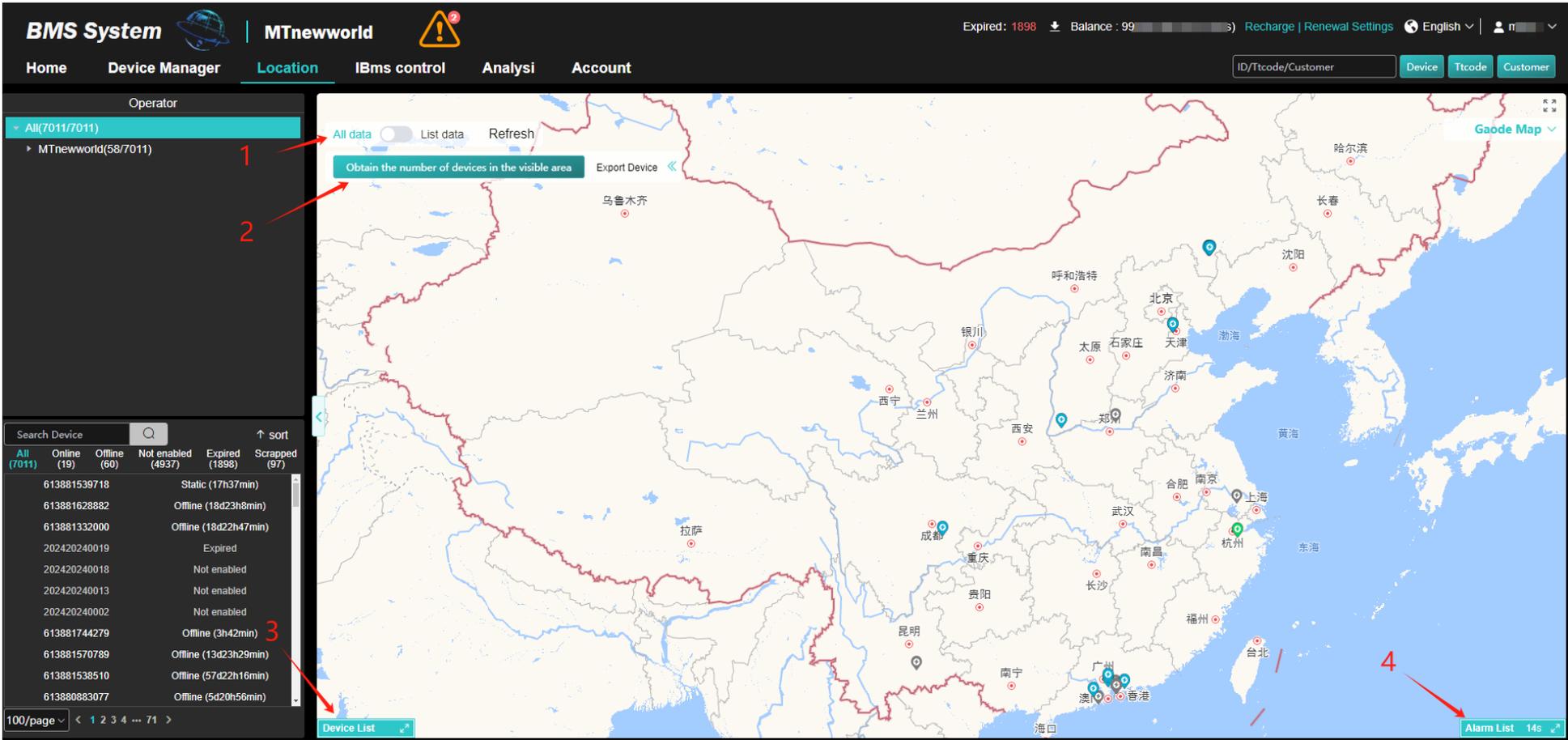
3.1 Position monitoring page

Figure 1: <All data> means that the map will show all device location icons of the operator, and <List data> means that the map will only show the device location icons in the operator's list.

Figure 2: <Get the number of devices in the visible area> Clicking on this button will display the number of devices in the visible area of the map, <Export devices> clicking on this button will export the information of devices in the area

Figure 3: <Device List> extended display area for more battery information, e.g. voltage, charge/discharge current, movement status, position, etc. (see 3.2 for details)

Figure 4: <Alarm List> shortcut display area, you can view all the alarm information of this account, including viewing the battery curve at the time of the alarm, the type of alarm, the number of alarms, the switching prompt sound, etc. (See 3.2 for details)



3.2 Device List and Alarm List Expansion Cards Introduction

- **Device List:** The content of device expansion card includes battery status (motion/static, charge/discharge current, SOC, etc.), location information, and you can export the data of the listed devices through the "Export to Excel" button.
- **Alarm List:** Alarm expansion card displays alarm information of this account and subordinate account devices (tick to show subordinate), you can tick "Enable Alarm Sound" to enable sound reminder, and you can cancel the display of unwanted alarm types through "Set Alarm Type".

| Device List ? | | | | | | | All positions | Export Excel |
|----------------------------|--------------|------------|---------------------|--|--|----------------------|---------------|--------------|
| No. | ID | Customer | Latest online time | State | <input type="radio"/> Charging <input type="radio"/> Discharging <input type="radio"/> Motion+Idle | position information | | |
| 1 | 613881539718 | MTnewworld | 2024-08-12 14:55:54 | Battery status: Static (Idle); current: 0A; SOC: 100%; Voltage: 79.690V; | | Tamil NaduErode | | |
| 2 | 013880894486 | MTnewworld | 2024-08-12 14:55:26 | Battery status: Static (Idle); current: 0A; SOC: 41%; Voltage: 66.060V; | | 天津市天津市西青区杨柳青镇平安路 | | |
| 3 | 613881008200 | MTnewworld | 2024-08-12 14:55:38 | Battery status: Static (Charging); current: 9.83A; SOC: 24%; Voltage: 50.180V; | | 广东省江门市开平市长沙街道曙光东路 | | |
| 4 | 013880894476 | MTnewworld | 2024-08-12 14:54:07 | Battery status: Static (Idle); current: 0A; SOC: 34%; Voltage: 63.330V; | | 天津市天津市西青区杨柳青镇平安路 | | |
| 5 | 613881209707 | MTnewworld | 2024-08-12 14:55:45 | Battery status: Static (Idle); current: 0A; SOC: 72%; Voltage: 53.380V; | | 广东省广州市黄埔区穗东街道西成中街 | | |

| Alarm List 59s <input type="checkbox"/> Enable alarm sound <input type="checkbox"/> Show subordinates Set alarm type | | | | | | | | Batch processing | close window |
|--|-----|--------------|--------------------|----------------------|-------------------|---------------------|--|------------------|--------------|
| <input type="checkbox"/> | No. | ID | Alarm type | Number of alar ms | Processing status | Latest alarm time | Operate | | |
| <input type="checkbox"/> | 1 | 613880944566 | Beyond electrFence | 89 | Unprocessed | 2024-08-12 14:49:09 | Curve chart alert handle | | |
| <input type="checkbox"/> | 2 | 613880921507 | Beyond electrFence | 89 | Unprocessed | 2024-08-12 14:49:09 | Curve chart alert handle | | |
| <input type="checkbox"/> | 3 | 613881401360 | Beyond electrFence | 89 | Unprocessed | 2024-08-12 14:49:09 | Curve chart alert handle | | |
| <input type="checkbox"/> | 4 | 613881107282 | Beyond electrFence | 88 | Unprocessed | 2024-08-12 14:49:09 | Curve chart alert handle | | |
| <input type="checkbox"/> | 5 | 613881107336 | Beyond electrFence | 89 | Unprocessed | 2024-08-12 14:49:09 | Curve chart alert handle | | |

3.3 Bubble bubble box details

Example diagram of a positioning device

First line: device name GSM signal strength

Second line: device number (click the right icon to copy)

Third line: device status

Fourth line: number of GPS satellites searched

Fifth line: SOC power

Sixth line: battery voltage

Seventh line: discharge current

Eighth line: charging current

Ninth line: arming status

Line 10: Time of the latest data uploaded by the device

Line 11: Time of the latest positioning uploaded by the device

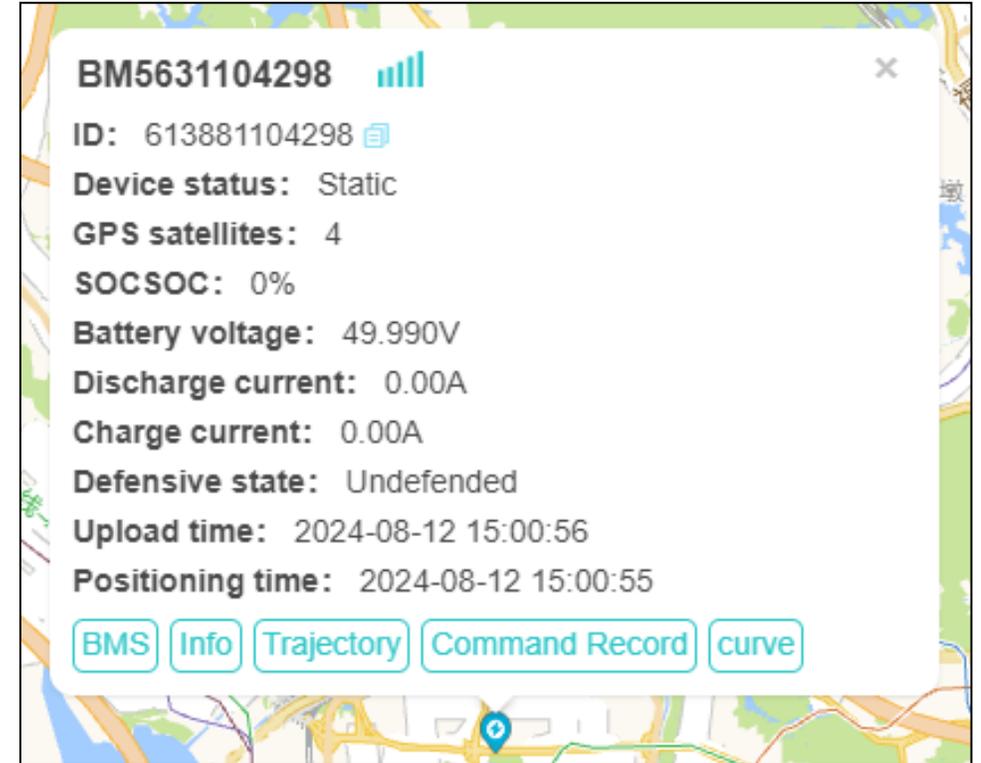
BMS: Click to go to the IBms control page.

Details: Basic information about the equipment

Trajectory: you can view the trajectory record of the device's operation

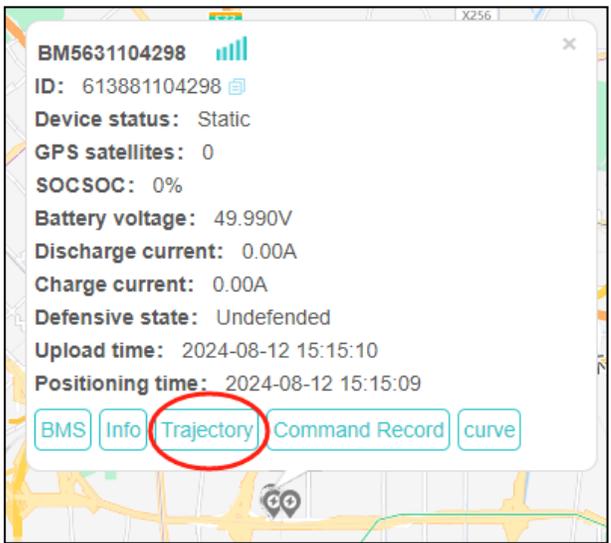
Command log: you can view the command log of the device

Curve: You can view the battery curve of the device



3.4 Trajectory playback

- Click on "Tracks" in the bubble box on the map screen (small picture below).
- Enter the track page, in the left side of the setup area, select the date you need to query the track, playback speed, etc., after the configuration, click "load track" and then "play" that will automatically play the right side of the map in the movement track.
- In addition, you can click on the "speed" and "details" to view the specifics of the runtime (the following big picture).



3.5 Battery curves

- Click the "Curve" button in the bubble box Battery graph can view the real-time changes of voltage, SOC, current and temperature of the battery, and the right side of the interface displays the basic information of the battery and the voltage of a single string.

BM5631107919

ID: 613881107919

Device status: Static(2min13s)

GPS satellites: 22

SOC SOC: 51%

Battery voltage: 73.410V

Discharge current: 0.00A

Charge current: 6.57A

Defensive state: undefended

Upload time: 2024-08-12 15:16:53

Positioning time: 2024-08-12 15:16:52

[BMS](#) [Info](#) [Trajectory](#) [Command Record](#) [Curve](#)

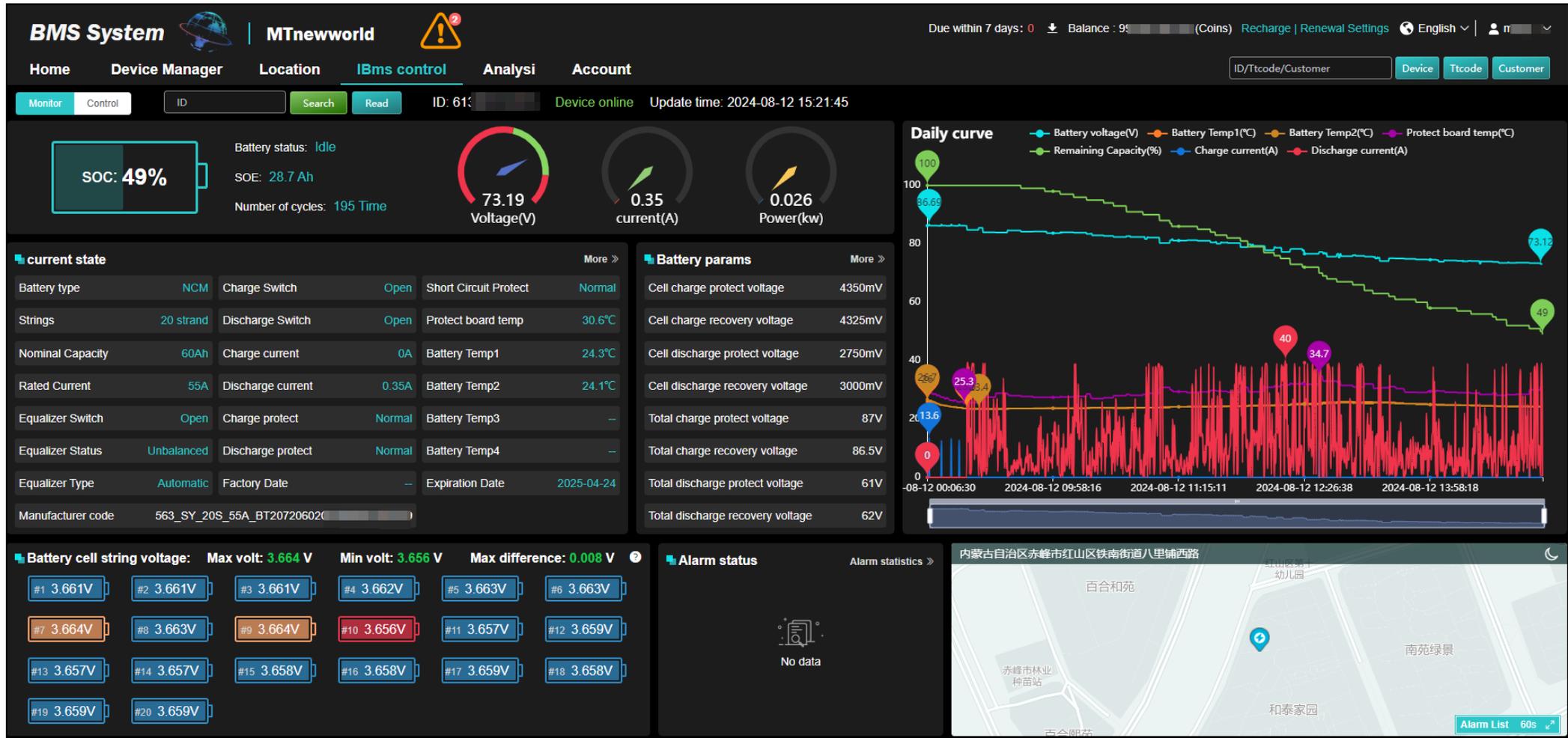


04

IBms Control

4.1 IBms control

IBms control is a battery BMS management system, the interface displays real-time data of the battery, including Soc, battery protection status, single string voltage, alarm status, battery graph, and current positioning position. (Figure below)



4.2 IBms control

Click on "Control" to set battery parameters.

BMS general: can modify the protection voltage, nominal capacity, equalisation switch, battery type, number of strings, etc.

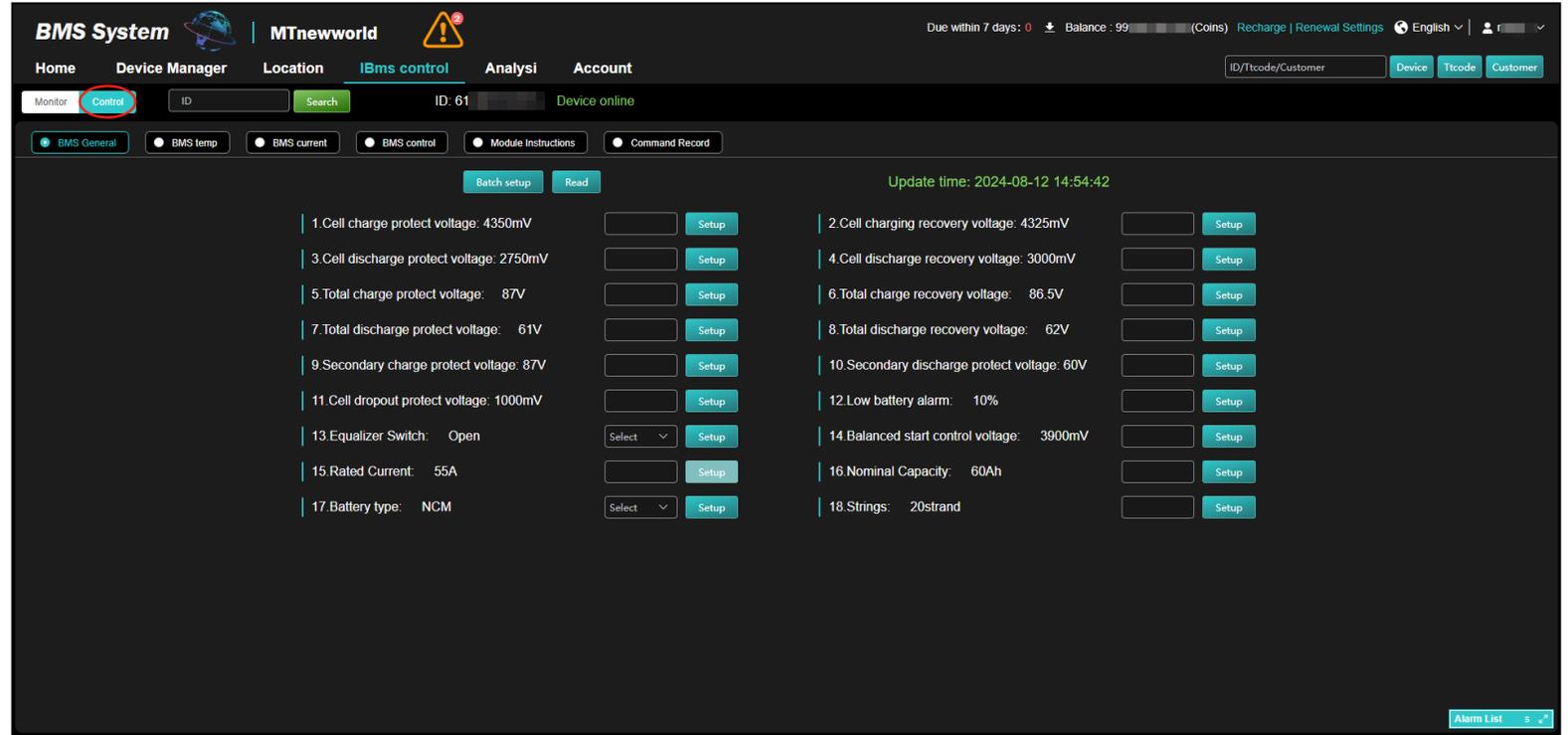
BMS temperature: can modify the high and low temperature protection value and recovery value of the protection board

BMS current: the protection value of the charging and discharging current of the protection board can be modified

BMS control: remote control of battery charge/discharge switch, system restart, restore factory settings

Module commands: including protocol charging switch, tower number setting, cabinet manufacturer setting, cycle count setting, clearing track records, immediate positioning, vehicle search and other functions

Low power mode: you can set the low power mode according to the demand, there are different modes to choose, after selecting the low power mode, then enter the low power mode value can be (this function needs the corresponding software support)



Low-temperature heating: low-temperature heating can be switched on or off, and different heating parameters can be modified according to the requirements (this function requires the support of the corresponding software).

Command Record: Command Record can be queried

05

Statistical analyses

5.1 Statistical analyses

Statistical analyses are mainly functions such as alarm list, financial management, log management and operation statistics:

Alarm Management: Including all devices under the account of the abnormal alarm information (need to open the display of the next level), you can "set the alarm type" to cancel the relevant alarm type, after cancellation of the alarm will not appear in the alarm list.

Financial management: including income records of renewal share, consumption records, renewal equipment records

Log management: including account login and operation records

Operations management: including mileage management statistics for equipment

Electronic fence: electronic fence can be added to equipment in bulk (see 5.1 for details)

BMS System | MTnewworld Expired: 1898 Balance: 95 (ins) Recharge | Renewal Settings English | m

Home Device Manager Location IBms control **Analysi** Account

Search Customers: All(7010/7010) MTnewworld(57/7010)

Alarm List Custom name: MTnewworld

ID/Tower Code Alarm type Model Unprocessed Show subordinates Search Batch processing Export Copy ID

Start Date End Date Set alarm type

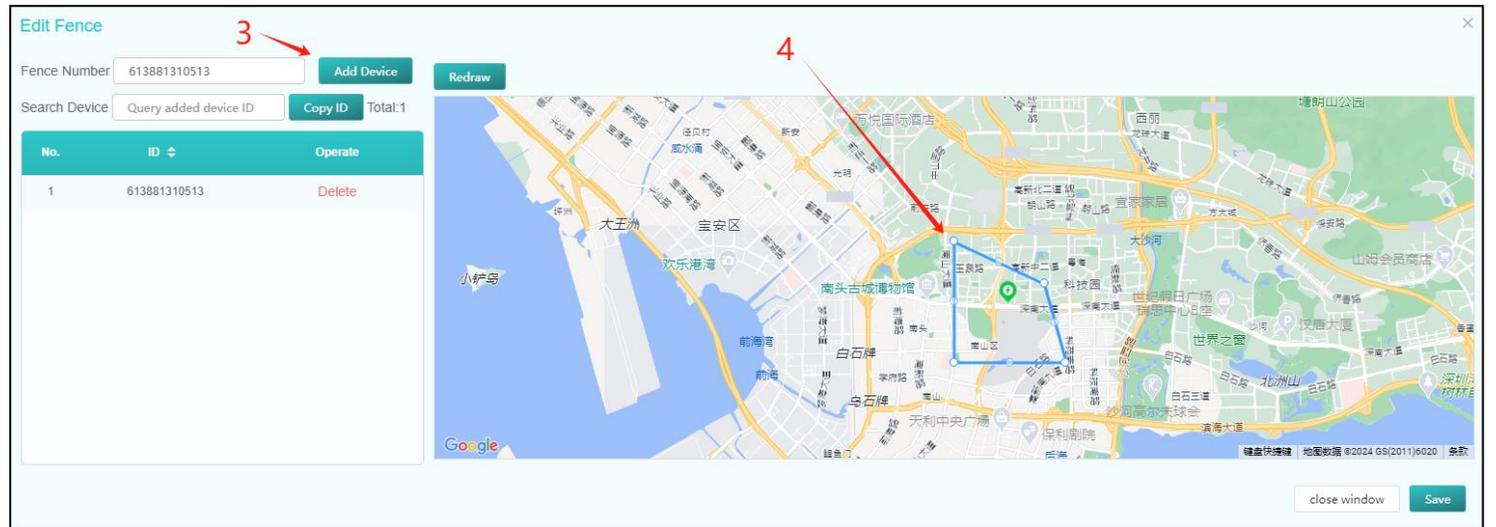
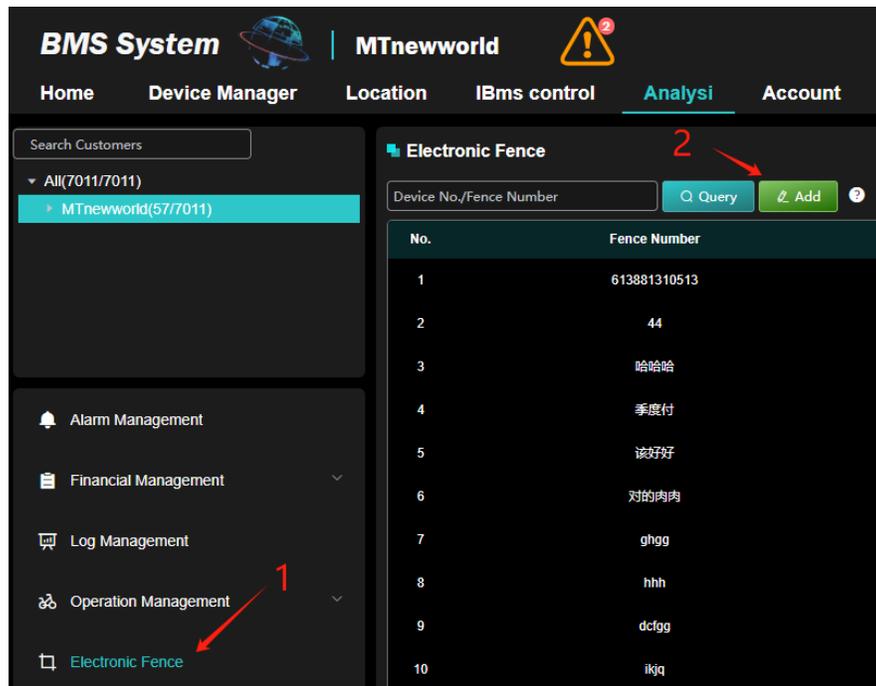
| No. | ID | Alarm type | Number of alarms | Processing status | Latest alarm time | Model | Strings | Battery type | Rated Current(A) | Tower Code | Alarm num | Operate |
|-----|--------------|----------------------|------------------|-------------------|---------------------|-------|---------|--------------|------------------|----------------|------------------|-------------------------|
| 1 | 613881310513 | single underVoltProt | 2 | Unprocessed | 2024-08-12 15:22:58 | BM562 | 21 | NCM | 100 | mbnyyds1310513 | BJ2024081215160t | Tag processing Curve |
| 2 | 613880944566 | Beyond electrFence | 92 | Unprocessed | 2024-08-12 15:19:10 | BM321 | 13 | NCM | 55 | | BJ2024081200090t | Tag processing Curve |
| 3 | 613880921507 | Beyond electrFence | 92 | Unprocessed | 2024-08-12 15:19:10 | BM321 | 20 | NCM | 55 | | BJ2024081200090t | Tag processing Curve |
| 4 | 613881401360 | Beyond electrFence | 92 | Unprocessed | 2024-08-12 15:19:10 | BM563 | 20 | NCM | 55 | | BJ2024081200090t | Tag processing Curve |
| 5 | 613881107282 | Beyond electrFence | 91 | Unprocessed | 2024-08-12 15:19:10 | BM563 | 20 | NCM | 55 | | BJ2024081200090t | Tag processing Curve |
| 6 | 613881107336 | Beyond electrFence | 92 | Unprocessed | 2024-08-12 15:19:10 | BM563 | 20 | NCM | 55 | | BJ2024081200090t | Tag processing Curve |
| 7 | 013880894476 | Beyond electrFence | 92 | Unprocessed | 2024-08-12 15:19:10 | BM121 | 17 | NCM | | | BJ2024081200090t | Tag processing Curve |
| 8 | 613881008200 | Beyond electrFence | 84 | Unprocessed | 2024-08-12 15:19:10 | BM312 | 14 | NCM | 55 | | BJ2024081200090t | Tag processing Curve |
| 9 | 613880881075 | Beyond electrFence | 3 | Unprocessed | 2024-08-12 15:19:10 | BM321 | 13 | NCM | 35 | | BJ2024081214590t | Tag processing Curve |
| 10 | 613881310513 | Beyond electrFence | 1 | Unprocessed | 2024-08-12 15:19:10 | BM562 | 21 | NCM | 100 | mbnyyds1310513 | BJ2024081215191t | Tag processing Curve |

Total 248 100/page 1 2 3 Go to 1 Alarm List 27s

5.2 Electronic fencing

Electronic fence: support batch devices to add fences, when the battery exceeds the fence, the system will send an alarm to remind

1. According to the following figure, add the fence and add the device number in turn, you can batch copy the device number to add electronic fence
2. Clicking and pulling the dark dots on the edge of the fence will automatically add 2 new dots to refine the shape of the fence.
3. You can only add the device number under this account, and the APP will be automatically synchronised after setting up the e-fence
4. The new fence created by this account can only be deleted by this account.



06

Account Number Management

6.1 Account Management

The main functions of account management are account adding and battery specification setting, which are described as follows:

Account management: according to Figure 1 sequential operation, add a spare account, you can create a number of spare accounts for multiple people to use (the same account allows only one person to log in)

Device specification setting: Operate according to Figure 2 in order to add or edit the battery specification, after completion, you can select the battery specification for the device number in the [Device Management] page.

BMS System | MTnewworld

Expired: 1898 | Balance: 99 (Coins) | Recharge | Renewal Settings | English | m

Home | Device Manager | Location | IBms control | Analyti | **Account**

ID/Ttcode/Customer | Device | Ttcode | Customer

Account Management

Account List ← 1

Device Settings

Account List

UserName | Phone | Status | Search | Add ← 2

| No. | UserName | Role Name | True Name | Phone | Status | Createtime | Actions |
|-----|----------|-----------|-----------|-------------|----------|------------------|------------------------|
| 1 | 哇塞新能源 | 运营 | 哇塞新能源 | 18028779830 | Disabled | 2024-07-10 17:18 | Edit Status Delete |

BMS System | MTnewworld

Expired: 1898 | Balance: 99 (s) | Recharge | Renewal Settings | English | m

Home | Device Manager | Location | IBms control | Analyti | **Account**

ID/Ttcode/Customer | Device | Ttcode | Customer

Account Management

Device Settings ← 1

Device specs Setting

Device specs List

Device specs name | Search | Add ← 2

| No. | Device specs name | Operator Name | Actions |
|-----|-------------------|---------------|---------------|
| 1 | 单车电池 | MTnewworld | Edit Delete |
| 2 | ceshi | MTnewworld | Edit Delete |

07

Important Features

7.1 How to configure and set the tower code:

From [Device Management], select [Batch Command] and then select [Set Tower Code] to configure the code, there are two ways to configure: Method 1 is the regular 24-bit code configuration, Method 2 is through the "File Import", download the template, fill in the template with the device number and the corresponding tower code and then import it in (Method 2 is mainly for special). (Method 2 is mainly used for special codes)

Batch Instructions

Set Tower Code

1. Select BT Code

Method 1: Configure encoding Method 2: File Import **2. Select method**

Can input/paste fixed bit codes **3. Set BT Code**

Fixed bit encoding length:0 Total length of encoding:0

Command sending time

Total:2

| No. | Name | ID | Tower Code | Actions |
|-----|--------------|--------------|------------|---------|
| 1 | BM5631539718 | 613881539718 | | Delete |
| 2 | BM5921628882 | 613881628882 | | Delete |

4. Add device

5. Send

Generate Tower Code

"Please strictly follow the battery swapping cabinet provider's rules when writing."

Battery type: LFP(BT1) Rated voltage(V): 60

Nominal Capacity(Ah): 50 Number of cycles (or number of strings * 100): 1200

Manufacturer code: MT Production year: 2024

Fixed bit encoding: BT106005012MT0024 Length: 17

7.2 How to scrap equipment:

After the equipment number is scrapped, it will no longer appear in the renewal interface, in order to avoid incorrect renewal, after the protection plate is scrapped, please carry out the scrapping operation on the platform in a timely manner

The image shows a multi-step process for scrapping equipment in a web application. The main interface has a 'Batch Instructions' button highlighted with a red arrow labeled '1'. A modal window titled 'Batch Instructions' is open, showing a dropdown menu with 'Device scrap' selected, indicated by a red arrow labeled '2'. The modal also features radio buttons for 'Scrap not delete device ID' (selected) and 'Scrap delete device ID'. Below this is a table with two rows of device information. At the bottom of the modal, a 'Send' button is highlighted with a red arrow labeled '3'.

| No. | Name | ID | Customer | Actions |
|-----|--------------|--------------|------------|---------|
| 1 | BM5631539718 | 613881539718 | MTnewworld | Delete |
| 2 | BM5921628882 | 613881628882 | MTnewworld | Delete |

Completion

Thanks for the support